

## APPENDIX G

**Boring Logs** 

| PROJECT:                  |         |          | r Rhone-l<br>a, Washir  | Poulenc Site                  |  |                   | Log of B                                       | ori        | ng No. (           | GMX-1                |  |  |
|---------------------------|---------|----------|-------------------------|-------------------------------|--|-------------------|--|------------|--------------------|----------------------|--|--|
| BORING LO                 |         |          |                         |                               |  | ·                 | ELEVATION AND DATE                             |            | around ou          | rfooo                |  |  |
|                           |         |          |                         | scade Drillin                 | g, Inc.  |                   | Not surveyed; datu<br>DATE STARTED:<br>8/24/06 | ım is      | DATE FINIS         | SHED:                |  |  |
| DRILLING M                | ETH     | iOD:     | Direct p                | ush                           |  |                   | TOTAL DEPTH (ft.):<br>13.0                     |            | MEASURIN<br>Ground |                      |  |  |
| DRILLING E                |         |          |                         | er Probe 963                  | 0 Pro-PTO  |                   | DEPTH TO WATER (ft.)                           | <b>\</b> I | FIRST              | COMPL.               |  |  |
|                           |         |          |                         |                               |  |                   | LOGGED BY:                                     | <u> </u>   | ~8.5               | NA                   |  |  |
| SAMPLING                  |         |          |                         | obe macro-c                   | ore sampler [4' x 1.5"]                                    |                   | Z. Satterwhite RESPONSIBLE PROFE               | SSIC       | NAI ·              | . REG. NO.           |  |  |
| HAMMER W                  |         |          | NA                      | DI                            | ROP: NA  |                   | J. Long  |            |                    | L.Hg. 1354           |  |  |
| DEPTH<br>(feet)<br>Sample | 7       | Blows/   | OVM<br>READING<br>(ppm) | NAM                           | DESCRIPTI E (USCS): color, moist, % by volume teact. w/f   | wt., plast, densi | ity, structure,                                |            | RI                 | EMARKS               |  |  |
| a s                       | Sa      | m L      | 2                       |                               | Surface Elevation  |                   |  | -          |                    |                      |  |  |
|                           |         |          | 5.8                     |                               | SAND (SM): very dark gray<br>um sand, 20% low plasticity   |                   | , moist, 80% fine                              |            |                    |                      |  |  |
| 1-                        |         |          | 0.0                     |                               | IL): gray (10YR 5/1), mois v plasticity                    | t, 90% fines,     | 10% fine sand,                                 | F          | OVM = Th           | ermo                 |  |  |
| 2-                        | $\  \ $ | $\vdash$ | Environme               | ntal 580B PID<br>with 100 ppm |  |                   |  |            |                    |                      |  |  |
| 3-                        |         |          | 10.1                    |                               |  |                   |  |            | isobutylene        |                      |  |  |
| 4                         | Ĥ       |          |                         |                               |  |                   |  | H          |                    |                      |  |  |
| GMX-14.0                  |         |          |                         |                               |  |                   |  | -          |                    |                      |  |  |
| 5-                        | Π       |          | 460                     | SILTYS                        | SAND (SM): brown mottled                                   | l black and b     | eige moist 80%                                 | 1          |                    |                      |  |  |
|                           |         |          | 400                     |                               | nedium sand, 20% low plas                                  |                   |  |            |                    |                      |  |  |
| 6-                        |         |          |                         |                               |  |                   |  |            |                    |                      |  |  |
| 7-                        | Ш       |          | 884                     | SANDY                         | SILT (ML): pale brown an                                   | -[                |  |            |                    |                      |  |  |
| '-                        | X       | ]        |                         | 70% find                      | es, 30% fine to coarse sand<br>d layers are intermingled a | d, firm, low pla  | asticity, odor; silt                           | H          |                    |                      |  |  |
| 8   -   8                 | / \     |          |                         | native m                      |  | nd appear to      | be reworked                                    | -          | Grab grour         | ndwater sample       |  |  |
| 9-                        | Ţ       |          | >1129                   | ₩et, she                      | een  |                   |  |            |                    | lected through       |  |  |
|                           |         |          | -1125                   |                               |  |                   |  |            | temporary          | well casing with     |  |  |
| 10-                       |         |          |                         |                               |  |                   |  | -          |                    | oed well screen      |  |  |
| 11-                       |         |          | 49                      |                               |  |                   |  | $\vdash$   |                    | with 2/20 sand       |  |  |
| '']                       |         |          | 43                      |                               | Y GRADED SAND with SII<br>1), wet, 90% fine to coarse      |                   |  | 刊          | (screen inte       | erval 8 to 13 feet   |  |  |
| 12-                       | +       |          |                         |                               | ned, odor  | эанч, 1070 К      | w piasucity liftes,                            | -          | ,                  |                      |  |  |
|                           |         |          |                         |                               |  |                   |  | -          |                    |                      |  |  |
| 13-                       |         |          |                         | 丁                             |  |                   |  |            |                    |                      |  |  |
| 14-                       |         |          |                         |                               |  |                   |  | -          |                    |                      |  |  |
|                           |         |          |                         |                               |  |                   |  | -          |                    | ı                    |  |  |
| 15-                       |         |          |                         |                               |  |                   |  |            |                    |                      |  |  |
| 16-                       |         |          |                         |                               |  |                   |  |            |                    |                      |  |  |
| -                         |         |          |                         |                               |  |                   |  | -          |                    |                      |  |  |
| 17                        |         |          |                         |                               |  |                   |  |            |                    | DAKBOREV (REV. 3/00) |  |  |
|                           |         | /        |                         | Geomatrix                     | Consultants  |                   | Project No. 87                                 | 69.00      | 06                 | Page 1 of 1          |  |  |

| SORING LOCATION: East Parcel  SORING LOCATION: East Parcel  Not surveyed; datum is ground surface DATE STAFTED:  DATE STAFTED: | PRO            | OJE                 | CT:       |      |               |                        | oulenc Site              |                                     | Log              | ı of Bori             | ng No.   | GMX-2   |
|--|----------------|---------------------|-----------|------|---------------|------------------------|--------------------------|-------------------------------------|------------------|-----------------------|--|---|
| DRILING CONTRACTOR: Cascade Drilling, Inc.  DRILING EQUIPMENT: Power Probe 9630 Pro-PTO  DRILING EQUIPMENT: Power Probe 9630 Pro-PTO  DEPTH TO WATER (II). FIRST COMPL.  9.0 NA  DROP: N |                |                     |           |      |               |                        | <del></del>              |                                     |                  | ,                     |  |   |
| DRILLING CONTRACTOR: Cascade Drilling, Inc.  BRZAUGE  DRILLING METHOD: Direct push  DRILLING GOUPMENT: Power Probe 9830 Pro-PTO  DEPTH TO WATER (II): MASSURING POINT: GOOD SAMPLING GOUPMENT: Power Probe 9830 Pro-PTO  DEPTH TO WATER (II): FIRST COMPL. 9,0 NA  LOGGED BY: Z. Satterwhite  REG. NO. L.Hd. 1354  DROP: NA  RESPONSIBLE PROFESSIONAL: REG. NO. L.Hd. 1354  REMARKS  REMARKS  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  Tell  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM = Thermo Environmental SSBB PID Collibrated with 100 ppm isobuty/ene standard.  DVM =  | BOF            | RING                | 3 LO      | CAT  | ION:          | East Pa                | cel                      |                                     | Not surveye      | ed; datum is          | s ground :   | surface   |
| DRILLING ECUIPMENT: Power Probe 9630 Pro-PTO  DRILLING ECUIPMENT: Power Probe 9630 Pro-PTO  DEPTH TO WATER (IL)  FIRST - COMPL 9.0  NA  LOGGED BY: Z. Sattenwhite  REG. NO. J. Long RESPONSIBLE PROFESSIONAL: REG. NO. L.H.I. 1354  DROP: NA  DROP: NA  DROP: NA  DROP: NA  DESCRIPTION NAME (USGS): color, molet, % by wt. plast density, structure, corresentation, react, which gen interval 8 to 15 feet of started with 100 ppm lockut/yare standard.  Surface Elevation: Not surveyed  SILTY SAND (SN): very dark gray mortified pale brown (10YR 4/1), molst, 70% fines, 30% fine to coarse sand, low plasticity, firm  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmental 5808 PID calibrated with 100 ppm lockut/yare standard.  DVM = Thermo Environmenta    | DRI            | LLIN                | 1G C      | ONT  | RAC           | TOR: Ca                | cade Drilling, Inc.      |                                     | 8/24/06          |                       | 8/24/06  | <b>3</b> .  |
| DRILLING EQUIPMENT: Power Probe 9630 Pro-PTO  DEPTH TO WATER (I).   First  | DRI            | LLIN                | IG M      | ETH  | IOD:          | Direct p               | sh                       |                                     |                  | Η (π.):               |  |   |
| SAMPLES Copyrights (ETHO): Geoprobe macro-core sampler [4 x 1.5"]  PAMMER WEIGHT: NA DROP: NA RESPONSIBLE PROFESSIONAL: REG. NO. LHg. 1354  SAMPLES COPYRIGHT STATE SITE OF STAMPLES STAMPLES SITE OF STAMPLES STAMPLES SITE OF STA | DRI            | LLIN                | IG E      | QUII | PME           | NT: Powe               | Probe 9630 Pro-PT        | 0                                   | i                | ATED (# \             | FIRST  | COMPL.  |
| NAMER WEIGHT: NA   DROP: NA   J. Long   L.Hq. 1354   | SAN            | ИРЦ                 | ING I     | MET  | HOD           | : Geopre               | oe macro-core samp       | ler [4' x 1.5"]                     | 1 ' -            |                       |  |   |
| SILTY SAND (SM): very dark gray (10YR 3/1), moist, 80% fine to medium sand, 20% fow plasticity fines SANDY SILT (ML): dark gray motted pale brown (10YR 4/1), moist, 70% fines, 30% fine to coarse sand, low plasticity, firm  OVM = Thermo Environmental S80B PID Environmental S80B PID Environmental S80B PID isobutylene standard.  POORLY GRADED SAND with SILT (SP-SM): black (5Y 2.5/1), moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen  POORLY GRADED SAND with SILT (SP-SM): black (5Y 2.5/1), moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen  Twenty of the province o | HAN            | MME                 | RW        | EIG  | HT:           | NA                     | DROP: NA                 | <b>\</b>                            |                  | E PROFESSIO           | ONAL:  | 1   |
| SILTY SAND (SM): very dark gray (10YR 3/1), moist, 80% fine to medium sand, 20% fow plasticity fines SANDY SILT (ML): dark gray motted pale brown (10YR 4/1), moist, 70% fines, 30% fine to coarse sand, low plasticity, firm  OVM = Thermo Environmental S80B PID Environmental S80B PID Environmental S80B PID isobutylene standard.  POORLY GRADED SAND with SILT (SP-SM): black (5Y 2.5/1), moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen  POORLY GRADED SAND with SILT (SP-SM): black (5Y 2.5/1), moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen  Twenty of the province o | EPTH           | (feet)              |           |      | $\overline{}$ | OVM<br>SADING<br>Pppm) | NAME (USCS): cem         | color, moist, % by wt., plast, dens | sity, structure, |                       |  | REMARKS   |
| To medium sand, 20% low plasticity fines  SANDY SLIT (ML): data gray motited pale brown (10YR 4/1), moist, 70% fines, 30% fine to coarse sand, low plasticity, firm  OVM = Thermo Environmental 5808 PID calibrated with 100 ppm isobutylene standard.  POORLY GRADED SAND with SILT (SP-SM): black (5Y 2.5/1), moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen  Tweet wet  POORLY GRADED SAND with SILT (SP-SM): black (5Y 2.5/1), moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen  Tweet standard.  Grab groundwater sample GMX-2 collected through 10/10-inch slot size) pre-packed with 2/20 sand (screen interval 8 to 13 feet bgs).  Bottom of boring at 13.0 feet.  | 0              |                     | Sal       | Sal  |               |                        |                          |                                     |                  |                       |  |   |
| 5- 6- 7- 8- 9- 10- 11- 11- 12- 13- 14- 15- 16- 17-  Bottom of boring at 13.0 feet.    Diack/pale brown laminations (native?); odor    Diack/pale brown laminations (native?); odor   Diack/pale brown laminations (na | :              | 2-                  | GMX-2-2.5 |      |               | )) <u>,</u>            | Environn calibrate       | nental 580B PID<br>d with 100 ppm   |                  |                       |  |   |
| moist, 90% fine to medium sand, 10% low plasticity fines, odor, sheen    10  |                | 5-                  |           |      |               | 320                    | black/pale brown la      |                                     | -<br>-<br>-<br>- |                       |  |   |
| 14-<br>15-<br>16-<br>17-<br>OAKBOREV (REV. 300)  | 10 11 12       | )-<br>-<br>1-<br>2- | GMX-2-8.0 |      | :             |                        | moist, 90% fine to sheen |                                     |                  |                       | GMX-2 of 3/4-inch temporar 5 feet of steel-wra (0.010-in pre-pack (screen in | ollected through O.D. PVC y well casing with stainless pped well screen ch slot size) ed with 2/20 sand |
| Geomatrix Consultants Project No. 8769.006 Page 1 of 1   | 14<br>15<br>16 |                     |           |      |               | ·                      | Bottom of boring at      | t 13.0 feet.                        |                  | -<br>-<br>-<br>-<br>- |  | OAKBOREV (REV. 3/00)  |
| 1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,  |                |                     |           |      | 1             | <b>725</b>             | Geomatrix Consulta       | ants                                | Proje            | ect No. 8769.0        | 06   | Page 1 of 1   |

| PROJE                                  |                 |                 |                   |                         | oulenc Site         |  | <u> </u>  | Log of Bo                          | rir        | na No.  | GMX-3                    |
|--|-----------------|-----------------|-------------------|-------------------------|---------------------|--|---|------------------------------------|------------|---|--------------------------|
|  |                 |                 |                   | a, Washin               |                     |  | . 1   | TION AND DATUM                     |            | .9 110.   |                          |
| BORING                                 | 3 LOC           | JATI            | ON:               | East Pa                 | Cel                 |  |   | rveyed; datum                      | ı is       |   |                          |
| DRILLIN                                | NG CC           | TNC             | RAC1              | FOR: Cas                | cade Drilling, Inc. |  | 8/24/0  |                                    |            | DATE FINI<br>8/24/06                                  |                          |
| DRILLIN                                | NG ME           | ETH             | OD:               | Direct p                | sh                  |  | 15.0  | DEPTH (ft.):                       | <b>,</b> . | Ground  |                          |
| DRILLIN                                | NG EC           | QUIP            | MEN               | T: Powe                 | Probe 9630 Pro-F    | ото  | DEPTH   | TO WATER (ft.)                     |            | RST<br>∙7.5   | COMPL.                   |
| SAMPLI                                 | ING M           | /ETI            | HOD:              | D BY:<br>terwhite       |                     |  |   |                                    |            |   |                          |
| HAMME                                  | R W             | EIGH            | IT:               | NSIBLE PROFESS<br>g     | SIO                 | NAL:   | REG. NO.<br>L.Hg. 1354                                  |                                    |            |   |                          |
| DEPTH<br>(feet)                        | Sample S<br>No. | MPL<br>apd<br>w | Blows/ Co<br>Foot | OVM<br>READING<br>(ppm) |                     | DESCRIPTION  i): color, moist, % by wt., plast. densementation, react. w/HCl, geo. inter | sity, struct  |                                    |            | R   | EMARKS                   |
|  | Sar             | Sar             | ᄦᅹ                |                         |                     |  |   |                                    |            |   |                          |
|  |                 |                 |                   | 65% fine                | $\lfloor \rfloor$   |  |   |                                    |            |   |                          |
| 1-<br>2-<br>3-                         | GMX-3-2.0       | V               |                   | st, 85%                 | -<br>-<br>-<br>-    | calibrated   | ermo<br>ental 580B PID<br>with 100 ppm<br>e standard.   |                                    |            |   |                          |
| 5-                                     | GMX-3-5.5       |                 |                   | 1.5<br>1.5              |                     | •  | 65% fine  | -<br>-<br>-<br>-<br>-              |            |   |                          |
| 8-<br>9-<br>10-                        |                 | $\bigcap$       |                   | 2.1                     |                     | /L): pale brown (10YR 6/3), w<br>lasticity, firm, laminations                            | et, 65% 1   | ines, 45%                          | -          |   | ·                        |
| 11-                                    |                 |                 |                   | 1.8                     |                     |  |   |                                    |            | GMX-3 col<br>3/4-inch O<br>temporary<br>5 feet of sta | well casing with ainless |
| 12-<br>13-<br>14-<br>15-<br>16-<br>17- |                 |                 |                   | 1.1                     | 5Y 2.5/1),          | -<br>-   | (0.010-inch<br>pre-packed<br>(screen inte<br>feet bgs). | d with 2/20 sand<br>erval 10 to 15 |            |   |                          |
|  |                 |                 |                   | <b>***</b>              |                     |  |   |                                    | <u>_</u> _ |   | OAKBOREV (REV. 3/00)     |
|  |                 |                 |                   |                         | Geomatrix Consu     | ıltants  |   | Project No. 8769                   | 00.6       | 6   | Page 1 of 1              |

|          | PROJE           | CT:             |  |                   | r Rhone-l<br>a, Washir | Poulenc Site Log   | of Bori          | ng No. GMX-4   |
|----------|-----------------|-----------------|--|-------------------|------------------------|--|------------------|--|
|          | ROPIN           | GLO             |  |                   | East Pa                | ELEVATION A  |                  |  |
| instr.   |                 |                 |  |                   |                        | DATE START   |                  | ground surface DATE FINISHED:  |
| (        | DRILLI          | NG C            | ON   | TRAC              | TOR: Ca:               | scade Drilling, Inc. 8/24/06   | 11/6\-           | 8/24/06<br>MEASURING POINT:  |
|          | DRILLI          | NG M            | ETH  | HOD:              | Direct p               | ush TOTAL DEPTI  | п (п. <i>)</i> : | Ground surface   |
|          | DRILLI          | NG E            | QUI  | PMEN              | IT: Powe               | Probe 9630 Pro-PTO DEPTH TO W  | ATER (ft.)       | FIRST COMPL.<br>-7.5 NA  |
|          | SAMPL           | ING I           | MET  | nite              |                        |  |                  |  |
| Ì        | HAMM            | ER W            | EIG  | HT:               | .E PROFESSIO           | NAL: REG. NO.<br>L.Hg. 1354  |                  |  |
|          | DEPTH<br>(feet) | Sample S<br>No. | _  | Blows/ ST<br>Foot |                        | REMARKS  |                  |  |
|          |                 | Sg 2            | Sai  | ă                 |                        |  |                  |  |
|          | _               |                 |  |                   |                        | SILTY SAND (SM): very dark gray (10YR 3/1), moist, 65% f sand, 25% low plasticity fines, 10% fine to coarse gravel | fine             |  |
|          | 1-              | _               |  |                   | 0.5                    | SILT with SAND (ML): grayish brown (10YR 5/2), moist, 85 fines, 15% fine sand, firm, low plasticity                | %                | OVM = Thermo   |
|          | 2-<br>-         | GMX-4-2.0       |  |                   | 0.5                    | (nestings (nestings)   | FI               | Environmental 580B PID calibrated with 100 ppm                                 |
|          | 3-              | GM              |  |                   |                        |  | -                | isobutylene standard.  |
|          | 4-              |                 |  |                   |                        | SILTY SAND (SM): grayish brown (10YR 5/2), moist, 65% f sand, 45% low plasticity silt, laminations                 | fine             |  |
| ajya nes | -<br>- 5-       |                 |  |                   | 0.5                    |  |                  |  |
| 1        | -               | O.              |  |                   |                        |  | -                |  |
|          | 6-              | GMX-4-6.0       |  |                   | 1.0                    | · ·  | -                |  |
|          | 7-              | ō               | V  | 1                 |                        |  | -                | Grab groundwater sample  |
|          | 8-              |                 | <u> </u>   |                   |                        | SANDY SILT (ML): pale brown (10YR 6/3), wet, 65% fines, fine sand, low plasticity, firm, laminations               | 45%              | GMX-4 collected through 3/4-inch O.D. PVC                                      |
|          | 9-              |                 |  |                   | 1.3                    |  | - <br> -         | temporary well casing with<br>5 feet of stainless<br>steel-wrapped well screen |
|          | 10-             |                 |  |                   |                        |  | <u> - </u>       | (0.010-inch slot size) pre-packed with 2/20 sand (screen interval 7 to 12 feet |
|          |                 |                 |  |                   |                        |  | <b> - </b>       | bgs).  |
|          | 11-             |                 |  |                   | 1.4                    | iron oxide staining  |                  |  |
|          | 12-             |                 | $\!$ |                   |                        | POORLY GRADED SAND with SILT (SP-SM): black (5Y 2. wet, 90% fine to coarse sand, 10% low plasticity fines          | .5/1),           |  |
|          | -               |                 |  |                   |                        |  | -                |  |
|          | 13-             |                 |  |                   |                        |  |                  |  |
|          | 14-             |                 | Ш  |                   | 0.8                    | Bottom of boring at 14.0 feet.   |                  |  |
|          | 15-             |                 |  |                   |                        | - 5.00m of borning at 1710 100th   |                  |  |
|          | , , ]           |                 |  |                   |                        |  | [-]              |  |
| I        | 16-             |                 |  |                   |                        |  | -                |  |
|          | 17              |                 |  |                   |                        |  |                  |  |
| -        |                 |                 |  |                   | 7 <b>2</b> =           | Geomatrix Consultants Proje  | ect No. 8769.00  | OAKBOREV (REV. 3/00)   |
| L        |                 |                 |  |                   |                        | Geomatrix Consultants Proje  | O/09.UL          | 06 Page 1 of 1   |

|  | PROJE              | CT:             |            |          | r Rhone-<br>a, Washir   |            | Site   |   | Log of Bo                         |               | ng No.              | GMX-5                             |  |
|--|--------------------|-----------------|------------|----------|-------------------------|------------|--|---|-----------------------------------|---------------|---------------------|-----------------------------------|--|
|  | BORIN              | G LO            | CAT        | ION:     | West P                  | arcel      |  | ,   | ATION AND DATU<br>surveyed; datur |               | s around s          | surface                           |  |
| Alexandra de la constantia del constantia de la constantia de la constantia della constantia della constanti | DRILLI             | NG C            | ONT        | RAC      | TOR: Ca                 | scade Di   | rilling, Inc.  |   | STARTED:                          | 1110          | DATE FIN<br>8/24/06 | NISHED:                           |  |
|  | DRILLI             | NG M            | ETH        | OD:      | Direct p                | ush        |  | TOT/<br>20.0  | AL DEPTH (ft.):<br>)              |               |                     | ING POINT:<br>surface             |  |
|  | DRILLI             | NG E            | QUIF       | PMEN     | NT: Powe                | er Probe   | 9630 Pro-PTO   | DEP   | TH TO WATER (ft.)                 |               | FIRST<br>~13.5      | COMPL.                            |  |
|  | SAMPL              | ING I           | MET        | HOD      | : Geopre                | obe mac    | ro-core sampler [4' x 1.5"]  | Z. S  | GED BY:<br>atterwhite             |               |                     |                                   |  |
|  | HAMMI              | ER W            | EIG        | HT:      | NA                      |            | DROP: NA   | RESF<br>J. Lo   | PONSIBLE PROFES                   | SSIC          | ONAL:               | REG. NO.<br>L.Hg. 1354            |  |
|  | DEPTH<br>(feet)    | Sample S<br>No. | MPL<br>edu | Blows/ G | OVM<br>READING<br>(ppm) |            | DESCRIPTION NAME (USCS): color, moist, % by wt., plas cementation, react. w/HCI, gec   | st. density, str.<br>o. inter.  | ucture,                           |               |                     | REMARKS                           |  |
|  | ۵                  | Sal             | Sa         | m "      | - 2                     |            |  | Not surveyed  |                                   | _             |                     |                                   |  |
|  | -<br>1-<br>-<br>2- |                 |            |          | 2.0                     | dar<br>low | TY SAND with GRAVEL (SM): dark on the control of th | to medium   | sand, 20%                         |               | calibrated          | nental 580B PID<br>d with 100 ppm |  |
|  | 3-<br>-<br>4-<br>- |                 | X          |          | 1.0                     | 65%        | TY SAND (SM): very dark greenish g<br>% fine to coarse sand, 30% low plastic<br>arse gravel  |   |                                   | <del> </del>  | Isobutyle           | ne standard.                      |  |
|  | 5-<br>6-           |                 |            |          | 1.0                     | red        | dish horizon   | on  |                                   |               |                     |                                   |  |
|  | 7-<br>-<br>8-      | GMX-5-8.0       | X          |          | 2.0                     |            |  |   |                                   | -             |                     |                                   |  |
|  | 9-<br>10-          | GMX             |            |          | 1.0                     |            |  |   |                                   | -             |                     |                                   |  |
|  | -<br>11-<br>-      |                 | X          |          |                         | fine       | T (ML): pale brown mottled dark gray s, 10% fine sand, low plasticity, firm  |   | ·                                 | -<br> -<br> - |                     |                                   |  |
|  | 12-<br>-<br>13-    | GMX-5-12.0      |            |          | >1099                   |            |  | Y SILT (ML): pale brown mottled dark gray (10YR 6/3), 9% fines, 30% fine to coarse sand, low plasticity, firm, odor |                                   |               |                     | undwater samples                  |  |
|  | 14-                |                 |            |          | 52                      | WOO PO     | ORLY GRADED SAND with SILT (SP   | Y GRADED SAND with SILT (SP-SM): black (5Y 2.5/1),  |                                   |               |                     |                                   |  |
|  | 15-                |                 | X          |          |                         | wet,       | , 90% fine to coarse sand, 10% low pl  | asticity fines  |                                   |               |                     | pre-packed<br>nterval 13 to 18    |  |
|  | 17-                |                 |            |          |                         |            |  | <del>-</del>  |                                   |               |                     | OAKBOREV (REV. 3/00)              |  |
|  |                    |                 |            |          |                         | Geoma      | trix Consultants   |   | Project No. 876                   | 9.0           | 06                  | Page 1 of 2                       |  |

PROJECT: Former Rhone-Poulenc Site Log of Boring No. GMX-5 (cont'd) Tukwila, Washington DEPTH
(feet)
Sample
No.
Sample
Blows/
Foot
OVM
READING
(ppm) REMARKS **DESCRIPTION** NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. POORLY GRADED SAND with SILT (SP-SM): (continued) 18 19 13 20 Bottom of boring at 20.0 feet. 21 22 23 24 25 26 27 28 29 30 31 32-33 34 35 36 37 OAKBOREV (REV. 3/00) **Geomatrix Consultants** Project No. 8769.006 Page 2 of 2

| ſ   | PROJE           |               |               |                   | Rhone-F                 |              | Site ·  |                          | Log of Bo                         | ori                           | ng No.                 | GMX-6          |   |
|---|-----------------|---------------|---------------|-------------------|-------------------------|--------------|---|--------------------------|-----------------------------------|-------------------------------|------------------------|----------------|---|
| ŀ   | BORIN           |               | _             |                   | East Pa                 |              |   |                          |                                   | TON AND DATU                  |                        | around o       | ourfoce.  |
|   |                 |               |               |                   |                         |              | rilling, Inc.   |                          |                                   | rveyed; datur<br>TARTED:<br>6 | 11 18                  | 8/26/06        | NISHED:   |
| Ī   | DRILLI          | ING ME        | THO           | OD:               | Direct p                | ush          |   |                          | TOTAL I                           | DEPTH (ft.):                  |                        |                | RING POINT:<br>I surface                          |
| f   | DRILLI          | ING EC        | UIP           | MEN <sup>*</sup>  | r: AMS                  | 9630 P7      | O Probe   |                          |                                   | TO WATER (ft.)                |                        | FIRST<br>~13.0 | COMPL.  |
| t   | SAMPI           | LING M        | IETH          | HOD:              | Geopro                  | be mac       | ro-core sampler [4' x 1.5"]   |                          | LOGGE                             |                               |                        | 10.0           |   |
| ┝   |                 | ER WE         |               |                   | NA .                    |              |   | NSIBLE PROFES            | SSIC                              | DNAL:                         | REG. NO.<br>L.Hg. 1354 |                |   |
|   | DEPTH<br>(feet) | Sample<br>No. | uble<br>VPL   | Blows/ 55<br>Foot | OVM<br>READING<br>(ppm) |              | DESCRIPTI NAME (USCS): color, moist, % by v cementation, react. w/h         | ON<br>wt., plast. densit |                                   |                               |                        |                | REMARKS   |
|   | <u>ت</u> ت      | San           | San           | B으                |                         |              | eyed .  |                          | 1                                 |                               |                        |                |   |
|   | -<br>1-         |               |               |                   |                         |              | T with SAND (ML): very dark ges, 10% fine sand, low plasticity,             |                          | l), moist                         | 1, 90%                        |                        |                |   |
|   | 2-              |               |               |                   | 0                       |              |   | calibrate                | nental 580B PID<br>d with 100 ppm |                               |                        |                |   |
|   | 3-              |               |               |                   | 0                       |              |   |                          |                                   |                               | -                      | isobutyle      | ne standard.                                      |
|   | 4-<br>-<br>5-   |               |               |                   |                         |              |   |                          |                                   |                               |                        |                |   |
|   | 6-<br>6-        |               |               |                   |                         | <b>√</b> ver | y dark grayish brown (2.5Y 3/2)   | ; 20% fine sai           | nd ·                              |                               |                        |                |   |
|   | 7-<br>-<br>8-   |               |               |                   | 0                       |              |   |                          |                                   |                               | 1 1                    |                | ·   |
|   | 9-<br>10-       |               | $\frac{X}{H}$ |                   |                         | to n         | TY SAND (SM): dark olive brownedium sand, 15% medium plas<br>rounded gravel |                          |                                   |                               | -                      |                |   |
|   | 11-             |               |               |                   | 0                       |              |   |                          |                                   |                               | -                      | GMX-6 c        | undwater sample                                   |
|   | 12-             |               | X             |                   | •                       | <b></b> -    |   | <b></b>                  |                                   | . <b></b>                     |                        | well casir     | D. PVC temporary ng with 5 feet of .010-inch slot |
| 13- S. Honor of the policy of |                 |               |               |                   |                         |              |   |                          |                                   | 95% fine                      | -<br> -<br> -          | size) not      | pre-packed<br>nterval 11 to 16                    |
|   | 15-             |               |               |                   |                         |              |   |                          |                                   |                               | -<br>-<br>-            |                |   |
|   | 16-             |               |               | ļ                 | Ì                       | Bott         | om of boring at 16.0 feet.  |                          |                                   |                               | -                      |                |   |
|   | 17              |               |               | L                 | I                       |              |   |                          |                                   |                               |                        |                | CAKBOREV (REV. 3/00)                              |
|   |                 |               |               | 17                |                         | Geoma        | trix Consultants  |                          |                                   | Project No. 876               | 9.00                   | 06             | Page 1 of 1                                       |

| PROJECT: Former Rhone-Poulenc Site   | Log of Bori                          | ng No. GMX-7  |
|--|--------------------------------------|---|
| Tukwila, Washington  BORING LOCATION: East Parcel  | ELEVATION AND DATUM:                 |   |
|  | Not surveyed; datum is DATE STARTED: | DATE FINISHED:  |
| DRILLING CONTRACTOR: Cascade Drilling, Inc.  | 8/26/06<br>TOTAL DEPTH (ft.):        |   |
| DRILLING METHOD: Direct push   | 16.0                                 | Ground surface  |
| DRILLING EQUIPMENT: AMS 9630 PTO Probe   | DEPTH TO WATER (ft.)                 |   |
| SAMPLING METHOD: Geoprobe macro-core sampler [4' x 1.5"]   | LOGGED BY: J. Long                   |   |
| HAMMER WEIGHT: NA DROP: NA   | RESPONSIBLE PROFESSION J. Long       | DNAL: REG. NO.<br>L.Hg. 1354  |
| SAMPLES  SAM | density, structure,                  | REMARKS   |
|  | t surveyed                           |   |
| SILT (ML): dark gray (5Y 4/1), dry, 95% fir medium plasticity, firm  | nes, 5% fine sand,                   |   |
| 1-   | F                                    |   |
| 2-   | <del>_</del>                         | OVM = Thermo  |
| SILT with SAND (ML): dark grayish brown 85% fines, 15% fine sand, medium plasticity  |                                      | calibrated with 100 ppm   |
| 3-   | -<br>-                               | isobutylene standard.   |
| -  | -                                    |   |
| 4 0 SILTY SAND (SM): dark gray (2.5Y 4/1), r   | noist, 70% fine sand,                |   |
| 30% medium plasticity fines  | _                                    | Im is ground surface    DATE FINISHED:   8/26/06     MEASURING POINT:   Ground surface     FIRST   COMPL.     ~10.0   NA     SSIONAL:   REG. NO.   L.Hg. 1354     REMARKS     OVM = Thermo   Environmental 580B PID |
| , ~  | _                                    |   |
| 6-   | -                                    |   |
|  | -                                    |   |
| 7 SILT with SAND (ML): dark grayish brown  |                                      |   |
| 85% fines, 15% fine sand, low plasticity, firm   | )<br> -                              |   |
|  | -                                    |   |
| 9-   | vet. 70% fine sand.                  |   |
| 30% medium plasticity fines  |                                      |   |
| 10-  |                                      |   |
| 11-  | -                                    |   |
|  | -                                    | GMX-7 collected through   |
| 12- POORLY GRADED SAND (SP): dark gray   | (2.5Y 4/1), wet, 95%                 |   |
| fine to medium sand, 5% fines  | <u> </u>                             | screen (0.010-inch slot   |
|  |                                      | (screen interval 11 to 16   |
|  | -                                    | feet bgs).  |
|  | +                                    |   |
| 15-  | <u> </u>                             |   |
| 16-  |                                      |   |
| Bottom of boring at 16.0 feet.   |                                      |   |
| 17   |                                      | OAKBOREV (REV. 3/00)  |
| Geomatrix Consultants  | Project No. 8769.0                   |   |

| PRO             | JECT:   |                  |         | er Rhone-<br>la, Washi  |         | Site  |                             | Log of Bo                        | ri                | ng No.              | GMX-8                |
|-----------------|---------|------------------|---------|-------------------------|---------|---|-----------------------------|----------------------------------|-------------------|---------------------|----------------------|
| BOR             | ING LO  |                  | -       | East Pa                 |         |   |                             | TION AND DATUM<br>urveyed; datum |                   | around si           | urface               |
| , DRIL          | LING (  | CON              | TRAC    | TOR: Ca                 | scade D | rilling, Inc.   |                             | STARTED:                         |                   | DATE FIN<br>8/26/06 | ISHED:               |
| DRIL            | LING I  | MET              | HOD:    | Direct p                | ush     |   |                             | DEPTH (ft.):                     |                   |                     | NG POINT:            |
| DRIL            | LING E  | EQU              | IPMEI   | <u> </u>                |         | TO Probe  |                             | TO WATER (ft.)                   |                   | IRST                | COMPL.               |
|                 | PLING   |                  |         |                         |         | cro-core sampler [4' x 1.5"]  | LOGGE                       | D BY:                            |                   | -10.0               | ¦ NA                 |
| -               | MER V   |                  |         | NA                      |         | DROP: NA  | 1                           | NSIBLE PROFES                    | SIC               | NAL:                | REG. NO.             |
|                 | S       |                  | LES     | ng                      | Τ       |   | L.Hg. 1354                  |                                  |                   |                     |                      |
| DEPTH<br>(feet) | Sample  | Sample<br>Sample | Blows/  | OVM<br>READING<br>(ppm) |         | DESCRIPTION NAME (USCS): color, moist, % by wt., plast. de cementation, react. w/HCl, geo. inte | nsity, struct<br>er.        | ture,                            |                   | F                   | REMARKS              |
|                 | Sar     | 2 6              |         |                         |         |   |                             |                                  |                   |                     |                      |
| 1               |         |                  |         |                         |         | T (ML): very dark grayish brown (2.5Y 3/<br>fine sand, low plasticity, firm                     | 2), dry, 95                 | 5% fines,                        | _                 |                     |                      |
| '               | ]       |                  |         |                         |         | 0.04  |                             |                                  |                   |                     |                      |
| 2               | :-      |                  |         |                         | F       |   | ental 580B PID              |                                  |                   |                     |                      |
| ,               | _       |                  |         |                         |         |   | with 100 ppm<br>e standard. |                                  |                   |                     |                      |
| 3               | ']      |                  |         |                         |         | ORLY GRADED SAND with SILT (SP-SNown (2.5Y 4/2), moist, 90% fine sand, 10%                      |                             |                                  |                   |                     |                      |
| 4               |         | $\mathbb{H}$     | -       | 16                      |         | mir (2.01 4/2), moist, 50% into saird, 10%  | iow place                   | loky iiiico                      | H                 |                     |                      |
| 5               | 1       |                  |         |                         |         |   |                             |                                  | $  \cdot  $       |                     |                      |
| ≕' 5<br>I       |         |                  |         |                         |         |   |                             |                                  | F                 |                     |                      |
| 6               | 4       |                  | ļ       |                         | :       |   |                             |                                  | H                 |                     |                      |
| 7               | _       |                  |         |                         |         |   |                             |                                  |                   |                     |                      |
| '               | ]       |                  |         |                         |         |   |                             |                                  |                   |                     |                      |
| 8               | 1       | H                | 1       | >3000                   | T stro  | ong toluene odor; silt content increasing   |                             |                                  | H                 |                     |                      |
| 9               | ]       | Ш                |         |                         | •       | •   |                             |                                  |                   |                     |                      |
|                 | -       |                  |         | 120                     |         |   |                             |                                  |                   |                     |                      |
| 10              | -       |                  |         |                         |         | T with SAND (ML): very dark gray (2.5Y  | 3/1), wet,                  | 75% fines,                       | +                 |                     |                      |
| 11-             | ]       |                  |         |                         |         | 6 fine sand, low plasticity, firm, less odor  |                             |                                  | $\lfloor \rfloor$ |                     |                      |
|                 | -       |                  |         |                         |         | ORLY GRADED SAND (SP): very dark gr<br>6 fine to medium sand, 5% fines                          | ay (2.5Y                    | 3/1), wet,                       | -                 |                     | !                    |
| 12-             | 1       | $\parallel$      |         | 0.0                     | Bott    | tom of boring at 12.0 feet.   |                             |                                  |                   |                     |                      |
| 13-             | -       |                  |         |                         |         |   |                             |                                  |                   |                     |                      |
| -<br>14-        | ] .     |                  |         |                         |         |   |                             |                                  |                   |                     |                      |
| 14-             | 1       |                  |         |                         |         |   |                             |                                  |                   |                     |                      |
| 15-             | -       |                  |         |                         |         |   |                             |                                  | -                 |                     |                      |
| -<br>16-        | 1       |                  |         |                         |         |   |                             |                                  |                   |                     |                      |
| -               | 4       |                  |         |                         |         | <del></del>   |                             |                                  | _                 |                     |                      |
| 17-             | <u></u> | <u></u>          | <u></u> |                         |         |   |                             |                                  |                   |                     | OAKBOREV (REV. 3/00) |
|                 |         |                  | 1.      |                         | Geoma   | trix Consultants  |                             | Project No. 8769                 | 9.00              |                     | Page 1 of 1          |

| ſ | PROJE           | CT:              | Fo   | rme      | r Rhone-l               | Poulenc Site  |                      | Log of Bo                                       | rir              | ag No         | GMX-9                    |
|---|-----------------|------------------|------|----------|-------------------------|---|----------------------|---|------------------|---------------|--------------------------|
| ļ |                 |                  | Tu   | kwila    | a, Washir               | ngton   |                      | TION AND DATUM                                  |                  | 19 140.       | GIVIX-3                  |
|   | BORIN           | G LOC            | TAC  | ION:     | East Pa                 | arcel   | Not su               | rveyed; datum                                   |                  | ground s      | surface                  |
| 1 | DRILLI          | NG CO            | TNC  | RAC      | ror: Ca                 | scade Drilling, Inc.  | 8/26/0               |   |                  | 8/26/06       |                          |
| ſ | DRILLI          | NG ME            | ΞTΗ  | OD:      | Direct p                | ush   | 12.2                 | DEPTH (ft.):                                    |                  |               | RING POINT:<br>I surface |
| ľ | DRILLII         | NG EC            | UIF  | PMEN     | IT: AMS                 | 9630 PTO Probe  |                      | TO WATER (ft.)                                  |                  | IRST<br>·10.0 | COMPL.<br>NA             |
| İ | SAMPL           | ING M            | 1ET  | HOD:     | Geopre                  | obe macro-core sampler [4' x 1.5"]  | LOGGE<br>J. Lon      |   |                  |               |                          |
| f | HAMM            | ER WE            | EIGI | HT:      | NA                      | DROP: NA  |                      | NSIBLE PROFESS                                  | SIO              | NAL:          | REG. NO.<br>L.Hg. 1354   |
|   | DEРТН<br>(feet) | Sample So<br>No. |      | ,        | OVM<br>READING<br>(ppm) | DESCRIPTION NAME (USCS): color, moist, % by wt., plast. dense cementation, react. w/HCl, geo. inter           | sity, structi        |   |                  |               | REMARKS                  |
|   |                 | Saı              | Saı  | <u> </u> |                         | Ш   |                      |   |                  |               |                          |
|   | 1-<br>-         |                  |      |          | fines, 5%               | -<br> -<br> -   |                      | 04 500 Industrial                               |                  |               |                          |
|   | 2-<br>-<br>3-   |                  |      |          |                         | -<br>-<br> -  | Scientific           | X-500 Industrial PID calibrated ppm isobutylene |                  |               |                          |
|   | 4-<br>-         |                  |      |          |                         | SILTY SAND (SM): dark gray (2.5Y 4/1), mois<br>medium sand, 40% non-plastic fines, light 1-3r                 |                      |   | - <br> - <br> -  |               |                          |
|   | 5-<br>6-        |                  |      |          | 0.5                     |   |                      |   | -<br>-           |               |                          |
|   | 7-<br>-<br>8-   | _                |      |          |                         | SANDY SILT (ML): dark gray (2.5Y 4/1), mois fine sand, medium plasticity, firm                                | st, 75% fil          | nes, 25%  | -                |               |                          |
|   | 9-              |                  |      |          | 10                      | SILTY SAND (SM): dark gray (2.5Y 4/1), mois 20% low plasticity fines wet                                      | pist, 80% fine sand, |   |                  |               |                          |
|   | 11-             |                  |      |          |                         | POORLY GRADED SAND (SP): very dark gra<br>95% fine to medium sand, 5% fines<br>Bottom of boring at 12.2 feet. | y (2.5Y :            | 3/1), wet,                                      | -<br>-<br>-<br>- |               |                          |
|   | 14-             |                  |      |          |                         |   |                      |   | -<br>-<br>-      |               |                          |
|   | 16-             |                  |      |          |                         |   |                      |   | -                |               |                          |
|   | 17 <sup>⊥</sup> |                  |      |          |                         |   |                      |   |                  |               | OAKBOREV (REV. 3/00)     |
|   |                 |                  |      | 1        |                         | Geomatrix Consultants   |                      | Project No. 8769                                | .00              | 6             | Page 1 of 1              |

|          | PROJE           | CT:                             |                       |                | r Rhone-<br>a, Washi    |              | Site   | Log of Bo                 | orii             | ng No. (                | GMX-10                            |  |  |
|----------|-----------------|---------------------------------|-----------------------|----------------|-------------------------|--------------|--|---------------------------|------------------|-------------------------|-----------------------------------|--|--|
|          | DOD!A           | 10.1.0                          | -                     |                |                         |              |  | ELEVATION AND DAT         |                  | <del></del>             |                                   |  |  |
| Tues     | BURIN           | IG LO                           | -AI                   | ION:           | East Pa                 |              |  | Not surveyed; datu        | m is             | s ground s              | urface                            |  |  |
|          | DRILLI          | NG C                            | TAC                   | RAC            | TOR: Ca                 | scade D      | rilling, Inc.  | DATE STARTED:<br>8/26/06  |                  | DATE FIN<br>8/26/06     |                                   |  |  |
|          | ļ               |                                 |                       | <del></del>    |                         |              |  | TOTAL DEPTH (ft.):        |                  |                         | ING POINT:                        |  |  |
|          | DRILLI          | NG M                            | ETH                   | IOD:           | Direct p                | oush         |  | 16.0                      |                  | Ground                  |                                   |  |  |
|          | 2011            |                                 | S. ///                |                |                         | 0620 D       | ΓO Probe   | DEPTH TO WATER (ft.       |                  | FIRST                   | COMPL.                            |  |  |
|          | DRILLI          | NG E                            | 3OII                  | -WEN           | III: AIVIS              | 9030 P       | TO Probe   |                           | <u>_</u>         | ~10.0                   | NA                                |  |  |
|          | SAMPI           | JNG N                           | ÆT                    | HOD:           | Geopr                   | obe mad      | ro-core sampler [4' x 1.5"]  | LOGGED BY:                |                  |                         |                                   |  |  |
|          |                 |                                 |                       |                |                         |              | T  | J. Long RESPONSIBLE PROFE | SSIC             | ONAL:                   | REG. NO.                          |  |  |
|          | HAMM            | ER W                            | EIGI                  | HT:            | NA                      |              | DROP: NA   | J. Long                   |                  |                         | L.Hg. 1354                        |  |  |
| İ        |                 | SA                              | MPL                   | ES             | ၂ ဖ                     |              | DESCRIPTION  |                           |                  |                         |                                   |  |  |
|          | 분용              | 용.                              | Se                    | ₹ \$\<br>      | Į Ž Ž ĝ                 |              | NAME (USCS): color, moist, % by wt., plast. dens   | ity, structure,           |                  | F                       | REMARKS                           |  |  |
|          | DEPTH<br>(feet) | Sample<br>No.                   | Sample                | Blows/<br>Foot | OVM<br>READING<br>(ppm) |              | cementation, react. w/HCl, geo. inter.   |                           | $\dashv$         |                         |                                   |  |  |
| ı        |                 | S                               | S                     | Ш_             | <u> </u>                |              | Surface Elevation: Not sur   |                           | _                | ļ                       |                                   |  |  |
|          | _               |                                 | П                     | İ              | Ì                       |              | T (ML): dark grayish brown (2.5Y 4/2), moi   | ist, 95% fines, 5%        | L                |                         |                                   |  |  |
|          | 1-              | fine sand, low plasticity, firm |                       |                |                         |              |  |                           |                  |                         |                                   |  |  |
|          | '               | }                               | Н                     | 1              | <1.0                    |              |  |                           | L                |                         |                                   |  |  |
| -        | _               |                                 |                       |                | ļ                       |              | Γ  | OVM = V                   | X-500 Industrial |                         |                                   |  |  |
| 1        | 2-              |                                 | Н                     |                |                         | CL           | AYEY SILT (ML): dark grayish brown (2.5Y   | ' 4/2), moist, 95%        | +                | 1                       | PID calibrated                    |  |  |
| -        | _               |                                 |                       | 1              |                         |              | es, 5% fines sand, medium plasticity, firm   | ,                         | 上                | with 100 p<br>standard. | opm isobutylene                   |  |  |
| -        | 3-              |                                 |                       |                |                         |              |  |                           | $\vdash$         | Stanuaru.               |                                   |  |  |
|          | _               |                                 |                       |                |                         |              | Tuith CAND (M) and an inh hours (O)  |                           | +                |                         |                                   |  |  |
| 1        | 4-              |                                 | Щ                     | ,              | 0.0                     |              | .T with SAND (ML): dark grayish brown (2.5% fines, 15% fine sand, medium plasticity, fin |                           | F                |                         |                                   |  |  |
| -        | _               |                                 | $\setminus /$         |                |                         | 00,          | ines, 1076 line saild, medium plasticity, im   | 111                       | L                |                         |                                   |  |  |
|          | 5-              |                                 | X                     |                |                         |              |  |                           | L                | }                       |                                   |  |  |
| garan    | `               |                                 | / \                   | l i            |                         |              |  |                           |                  |                         |                                   |  |  |
| 1        |                 |                                 |                       |                |                         | -            |  |                           | Γ                |                         |                                   |  |  |
| 1        | 6-              |                                 |                       |                |                         |              |  |                           | 一                |                         |                                   |  |  |
| ۱        |                 |                                 |                       |                |                         |              |  | <u>-</u>                  |                  |                         |                                   |  |  |
|          | 7-              |                                 |                       |                |                         | h_ son       | ne sand to sandy silt  |                           | -                |                         |                                   |  |  |
| 1        | -               |                                 |                       |                |                         | ع            | ne sand to sandy sint  |                           |                  |                         |                                   |  |  |
| ١        | 8-              |                                 | +                     |                | :                       |              |  |                           | -                |                         |                                   |  |  |
| ۱        | 4               |                                 | 1                     |                |                         |              |  |                           | $\perp$          |                         |                                   |  |  |
|          | 9-              | 9                               |                       | .              |                         |              |  |                           | L                |                         |                                   |  |  |
| ı        |                 | GMX-10-9.0                      |                       |                |                         | SII          | TY SAND (SM): very dark grayish brown (2   | 5V 4/2) moist             | 1                |                         |                                   |  |  |
|          | 10              | X                               |                       |                |                         | 609          | 6 fine to medium sand, 40% low plasticity fin  | es                        | Γ                |                         |                                   |  |  |
| İ        | 10-             | ٦                               |                       |                |                         | <b>↓</b> wet |  |                           |                  |                         |                                   |  |  |
|          | _,_]            |                                 | П                     |                |                         |              |  |                           |                  |                         |                                   |  |  |
| ı        | 11-             |                                 | П                     |                |                         |              |  |                           | -                | Grab grou               | ndwater sample                    |  |  |
|          | ┪               |                                 |                       |                | 0.0                     |              |  |                           | -                | GMX-7 co                | llected through                   |  |  |
|          | 12-             | ŀ                               | $\dagger \dagger$     |                |                         |              |  |                           | -                |                         | D. PVC temporary                  |  |  |
|          | 4               |                                 |                       |                |                         |              |  |                           | -                |                         | g with 5 feet of<br>010-inch slot |  |  |
|          | 13-             |                                 | $\  \ $               |                |                         |              |  |                           | -                | size) not p             |                                   |  |  |
|          | 4               | ļ                               |                       |                |                         |              |  |                           | +                | (screen int             | terval 11 to 16                   |  |  |
|          | 14-             | 14-                             |                       |                |                         |              |  |                           |                  | feet bgs).              |                                   |  |  |
|          | 4               |                                 | $\parallel \parallel$ |                | ŀ                       |              |  |                           |                  |                         |                                   |  |  |
| ĺ        | 15-             |                                 |                       |                |                         |              |  |                           |                  |                         |                                   |  |  |
| L        |                 | j                               | $\  \ $               |                | ĺ                       |              |  |                           |                  |                         |                                   |  |  |
| Strain a | 16              |                                 | $\prod$               |                |                         |              |  |                           | П                |                         |                                   |  |  |
| ١        | 107             |                                 |                       |                |                         | Bott         | om of boring at 16.0 feet.   | •                         | $\top$           |                         |                                   |  |  |
|          | 7_7             |                                 |                       |                |                         |              |  |                           |                  |                         |                                   |  |  |
| L        | 17-             |                                 |                       |                |                         |              |  |                           |                  |                         | OAKBOREV (REV. 3/00)              |  |  |
|          |                 |                                 |                       |                |                         | Geoma        | trix Consultants   | Project No. 87            | 69.00            | 06                      | Page 1 of 1                       |  |  |

| PROJECT: Former Rhone-Poulen Tukwila, Washington   | c Site   | Log of Bor                                  | ing No. G              | MX-11  |  |  |  |  |  |  |  |  |  |
|--|--|---|------------------------|--|--|--|--|--|--|--|--|--|--|
| BORING LOCATION: West Parcel   |  | ELEVATION AND DATUM:<br>Not surveyed; datum |                        | ace  |  |  |  |  |  |  |  |  |  |
| DRILLING CONTRACTOR: Cascade   | Drilling, Inc.   | DATE STARTED:<br>8/26/06                    | DATE FINISH<br>8/26/06 | HED:   |  |  |  |  |  |  |  |  |  |
| DRILLING METHOD: Direct push   |  | TOTAL DEPTH (ft.):<br>16.0                  | MEASURING<br>Ground su |  |  |  |  |  |  |  |  |  |  |
| DRILLING EQUIPMENT: Diedrich D-2   |  | DEPTH TO WATER (ft.)                        | FIRST                  | COMPL.   |  |  |  |  |  |  |  |  |  |
| SAMPLING METHOD: Geoprobe ma   | <u></u>  | LOGGED BY:                                  | ~11.0                  | I INA  |  |  |  |  |  |  |  |  |  |
|  | AMMER WEIGHT: NA DROP: NA J. Long    Control of the control of the |   |                        |  |  |  |  |  |  |  |  |  |  |
|  | DESCRIPTION  | J. Long                                     |                        | L.Hg. 1354                                       |  |  |  |  |  |  |  |  |  |
| DEPTH (feet) (feet) Sample No. Sample Blows/ Foot OVM READING (ppm)  | NAME (USCS): color, moist, % by wt., plast. dens cementation, react. w/HCl, geo. inter.  | ity, structure,                             | REM                    | MARKS  |  |  |  |  |  |  |  |  |  |
|  |  |   |                        |  |  |  |  |  |  |  |  |  |  |
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>12-<br>12-<br>11-<br>12-<br>12-<br>13-<br>14-<br>15-<br>15-<br>10-<br>11-<br>12-<br>12-<br>15-<br>16-<br>17-<br>18-<br>18-<br>18-<br>18-<br>18-<br>18-<br>18-<br>18-<br>18-<br>18 | coorly Graded Sand (SP): brown (7.5Y ne to medium sand, 5% fines  ery dark gray (2.5Y 3/1)  and with irregular 1-2" gravel (fill); some silt  ILTY SAND (SM)  ILT (ML): light olive brown (2.5Y 5/3), moist, sand, medium plasticity, firm  ILTY SAND (SM): very dark gray (2.5Y 3/1), sand, 30% low plasticity fines  CORLY GRADED SAND (SP): very dark gray silver to medium sand, 5% fines, very strong silver to medium sand, 5% fines, very strong  | 95% fines, 5% fine moist, 70% fine          | Scientific PI          | 600 Industrial<br>D calibrated<br>In isobutylene |  |  |  |  |  |  |  |  |  |
| 15-     1500   |  | -<br> -                                     | -<br>-                 |  |  |  |  |  |  |  |  |  |  |
| 1 7 1 1 1  | ottom of boring at 16.0 feet.  | -   | -                      |  |  |  |  |  |  |  |  |  |  |
| 17 George  | patriv Consultants   | Project No. 8760                            |                        | KBOREV (REV. 3/00)                               |  |  |  |  |  |  |  |  |  |

|            |   |  |     |      |                 |          |           |   | _                | _                 |               |  |                     |         |                   | •            |        |         |               |   |                        |                                     |                                       |                |
|------------|---|--|-----|------|-----------------|----------|-----------|---|------------------|-------------------|---------------|--|---------------------|---------|-------------------|--------------|--------|---------|---------------|---|------------------------|-------------------------------------|---------------------------------------|----------------|
|            | PROJECT: Former Rhone-Poulenc Site Tukwila, Washington  BORING LOCATION: West Parcel  DRILLING CONTRACTOR: Cascade Drilling, Inc.     |  |     |      |                 |          |           |   |                  |                   |               |  |                     |         | Lo                | g o          | f Bo   | rir     | ng N          | o. (                                    | SMX-1                  | 2                                   |                                       |                |
|            | BORIN   | G LO   |     |      |                 |          |           |   |                  |                   | -             |  | <del></del>         |         |                   |              |        |         | DATU          |   | grou                   | nd su                               | ırface                                |                |
| <b>►</b> { | DRILLI  | NG C   | TNC | RACT | ror: Ca         | ascade D | <br>Drill | illing,                                 | Inc.             |                   |               |  |                     | -       |                   | DATE<br>8/26 | STA    |         |               |   | DAT                    |                                     | SHED:                                 |                |
|            | DRILLI  | NG M   | ETH | OD:  | Direct          | oush     |           |   |                  |                   |               |  |                     |         |                   | TOTA<br>12.2 | L DE   | PTH (   | ft.):         |   | MEA                    | SURI                                | NG POINT<br>surface                   | :              |
| l          | DRILLING EQUIPMENT: Diedrich D-25  DEPTH TO WATER (ft.)  SAMPLING METHOD: Geoprobe macro-core sampler [4' x 1.5"]  LOGGED BY: J. Long |  |     |      |                 |          |           |   |                  |                   |               |  |                     |         | FIRST<br>NA       | una .        | COMP   | L.      |               |   |                        |                                     |                                       |                |
| Ì          |   |  |     |      |                 |          |           |   |                  |                   |               |  |                     | <u></u> | <b>1 1 1</b>      |              |        |         |               |   |                        |                                     |                                       |                |
|            | HAMMER WEIGHT: NA DROP: NA RESPONSIBLE PROFES J. Long   |  |     |      |                 |          |           |   |                  |                   |               |  | SSIC                | NAL:    |                   |              | G. NO. |         |               |   |                        |                                     |                                       |                |
|            | EPTH<br>feet)   | SAMPLES  SAM |     |      |                 |          |           |   |                  |                   |               |  |                     |         |                   |              | R      | EMARKS  | <u>. 1001</u> |   |                        |                                     |                                       |                |
|            | <u> </u>  |  |     |      |                 |          |           |   |                  |                   |               |  |                     |         | 1                 |              |        |         |               |   |                        |                                     |                                       |                |
|            | 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>16-<br>16-  |  |     |      | <1.0<br>. >4000 | SIL sar  | LT (nd,   | (ML):<br>, med<br>RLY (t, 95%<br>strong | : gray<br>dium p | yish I<br>olastic | SANE<br>edium | 1 (2.5°<br>rm, fin<br>D (SP)<br>n sand | <br>Y 5/2<br>ne lay | y dark  | <br>95%<br>mottle | fines,       | Y 3/1  | ),      |               |   | Scier<br>with<br>stand | ntific F<br>100 p<br>lard.<br>D res | c-500 Inde<br>PID calibro<br>pm isobu | ated<br>tylene |
|            | 17  |  |     |      |                 | L        |           |   | <del>.</del>     |                   |               |  | _                   |         |                   |              |        | -       |               | OAKBOREV (REV. 3/00)                    |                        |                                     |                                       |                |
| Γ          |   |  |     | 1    |                 | Geoma    | atri      | rix C                                   | onsu             | ıltar             | nts           |  |                     |         |                   |              | Pr     | oject l | No. 876       | OAKBOREV (REV. 300) 769.006 Page 1 of 1 |                        |                                     |                                       |                |